II. CLAIM AMENDMENTS

Please amend the claims as indicated in the following listing:

1. (currently amended) A method for updating ~~a Java Archive (JAR)~~ an archive file content

comprising:

    creating a temporary directory;

    copying an archive file into the temporary directory;

    recording an archive file structure of the archive file in a structure file in the

temporary directory;

    decompressing the archive file content from the archive file into an extracted archive

file in the temporary directory;

    accepting a user specification of an old value and a new value;

    searching the archive file content for the old value;

    replacing the old value with the new value; and

    archiving the archive file content according to the archive file structure in the

structure file;

    wherein the archive file is an archived form of the archive file content;

    wherein the archive file structure is the order and arrangement of a compressed archive

file content within the archive file;

    wherein the data within the ~~JAR~~ archive file is changed and wherein the ~~JAR~~ archive file

structure remains the same before and after the data is changed.

2. canceled.

3. (currently amended) The method of claim ~~2~~ 1 further comprising:

accepting a user specification of a̶ an archive file and a field; and

searching for the old value only in the archive file and the field specified by the user;

wherein the field is a data position within the archive file content.

4. canceled.

5. (currently amended) The method of c̶l̶a̶i̶m̶ 4̶ claim 3 further comprising:

determining if the user desires to update another value; and

responsive to the determination that the user desires to update another value,

accepting a user specification of another old value and another new value.

6. canceled.

7. (currently amended) A program product for updating a̶ J̶a̶v̶a̶ A̶r̶c̶h̶i̶v̶e̶ (̶J̶A̶R̶)̶ an archive file

content w̶h̶e̶r̶e̶i̶n̶ t̶h̶e̶ d̶a̶t̶a̶ w̶i̶t̶h̶i̶n̶ t̶h̶e̶ J̶A̶R̶ f̶i̶l̶e̶ i̶s̶ c̶h̶a̶n̶g̶e̶d̶ a̶n̶d̶ w̶h̶e̶r̶e̶i̶n̶ t̶h̶e̶ J̶A̶R̶ f̶i̶l̶e̶ s̶t̶r̶u̶c̶t̶u̶r̶e̶

r̶e̶m̶a̶i̶n̶s̶ t̶h̶e̶ s̶a̶m̶e̶ b̶e̶f̶o̶r̶e̶ a̶n̶d̶ a̶f̶t̶e̶r̶ t̶h̶e̶ d̶a̶t̶a̶ i̶s̶ c̶h̶a̶n̶g̶e̶d̶ comprising:

a memory containing a plurality of instructions encoded thereon, the plurality of

instructions adapted to cause a computer to perform steps comprising:

creating a temporary directory;

copying an archive file into the temporary directory;

recording an archive file structure of the archive file in a structure file in the

temporary directory;

decompressing the archive file content from the archive file into an extracted

archive file in the temporary directory;

accepting a user specification of an old value and a new value;

searching the archive file content for the old value specified by the user;

replacing the old value with the new value specified by the user; and

archiving the archive file content according to the archive file structure in the

structure file;

wherein the archive file is an archived form of the archive file content;

wherein the archive file structure is the order and arrangement of a compressed

archive file content within the archive file; and

wherein a data within the archive file is changed and wherein the archive file

structure remains the same before and after the data is changed.

8. canceled.

9. canceled.

10. (currently amended) The program product of claim 8 7 wherein the steps further comprise:

accepting a user specification of a an archive file and a field; and

searching for the old value only in the archive file and the field specified by the user;

wherein the field is a data position within the archive file content.

11. canceled.

12. (currently amended) The program product of claim 8 10 wherein the steps further comprise:

determining if the user desires to update another value; and

responsive to the determination that the user desires to update another value,

accepting a user specification of another old value and another new value.

13. (currently amended) The method of claim 1 further comprising:

using a A Graphical User Interface (GUI) graphical user interface, replacing the old

value with the new value;

wherein the graphical user interface comprises: ~~that allows a user to update a value within a~~

~~Java Archive (JAR) file, the GUI comprising:~~

a file specification section containing a file located in the ~~JAR~~ archive file;

a field specification section containing a field located in the file;

an old value specification section containing ~~an~~ the old value located in the field; and

a new value specification section containing ~~a~~ the new value~~;~~

~~wherein a user can replace the old value with the new value; and~~

~~wherein the JAR file structure remains the same before and after the data is changed;~~

wherein the field is a data position within the archive file content.

14. (currently amended) The ~~GUI~~ method of claim 13 wherein the graphical user interface

further comprises:~~further comprising~~ a values updated section; and wherein the values

updated section records ~~the~~ a history of ~~the~~ a replacement of the old ~~values~~ value by the

new ~~values~~ value.

15. canceled.

16. canceled.

17. canceled.

18. canceled.

19. canceled.

20. (currently amended) An apparatus for updating ~~a Java Archive (JAR)~~ an archive file content

~~wherein the data within the JAR file is changed and wherein the JAR file structure remains~~

~~the same before and after the data is changed, the apparatus~~ comprising:

means for creating a temporary directory;

means for copying ~~the~~an ~~JAR~~ archive file into the temporary directory;

means for recording ~~the JAR~~an archive file structure in a structure file in the temporary directory;

means for ~~extracting~~ decompressing the archive file content of the ~~JAR~~ archive file ~~content~~ into an extracted archive file in the temporary directory;

means for accepting a user specification of an old value and a new value;

means for accepting a user specification of a file in the archive file and a field;

means for searching for the old value only in the archive file and the field specified by the user;

means for replacing the old value with the new value specified by the user;

means for archiving the ~~JAR~~ archive file content according to the ~~recorded JAR~~ archive file structure in the structure file;

~~wherein the JAR file content are extracted into the temporary directory;~~

~~means for determining if the user desires to update another value; and~~

~~responsive to the determination that the user desires to update another value, means for accepting a user specification of another old value and another new value;~~

wherein the field is a data position with the archive file content;

wherein the archive file is an archived form of the archive file content;

wherein the archive file structure is the order and arrangement of a compressed archive file content within the archive file; and

wherein a data within the archive file is changed and wherein the archive file structure remains the same before and after the data is changed.